

FIG. 1A

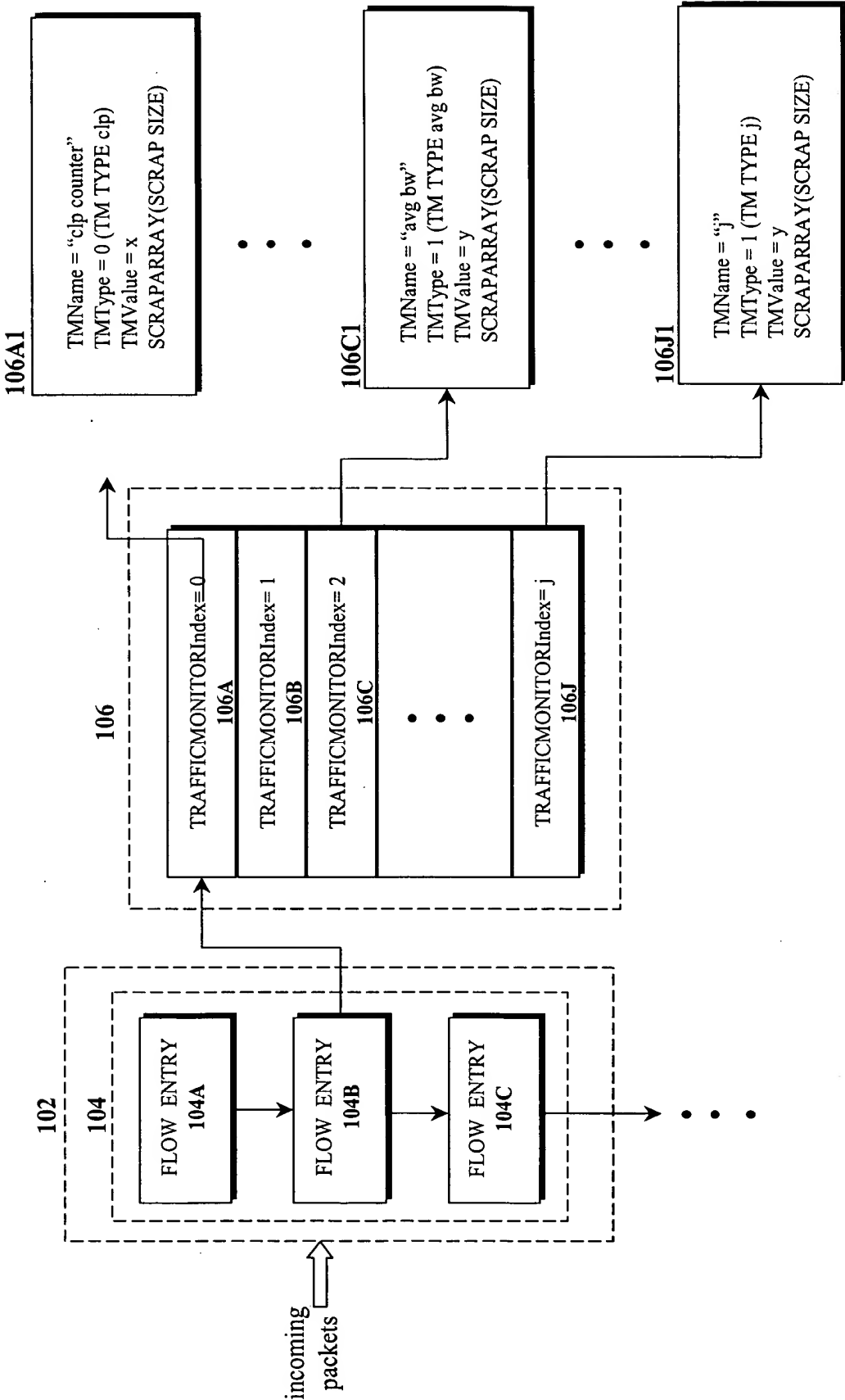


FIG. 1B

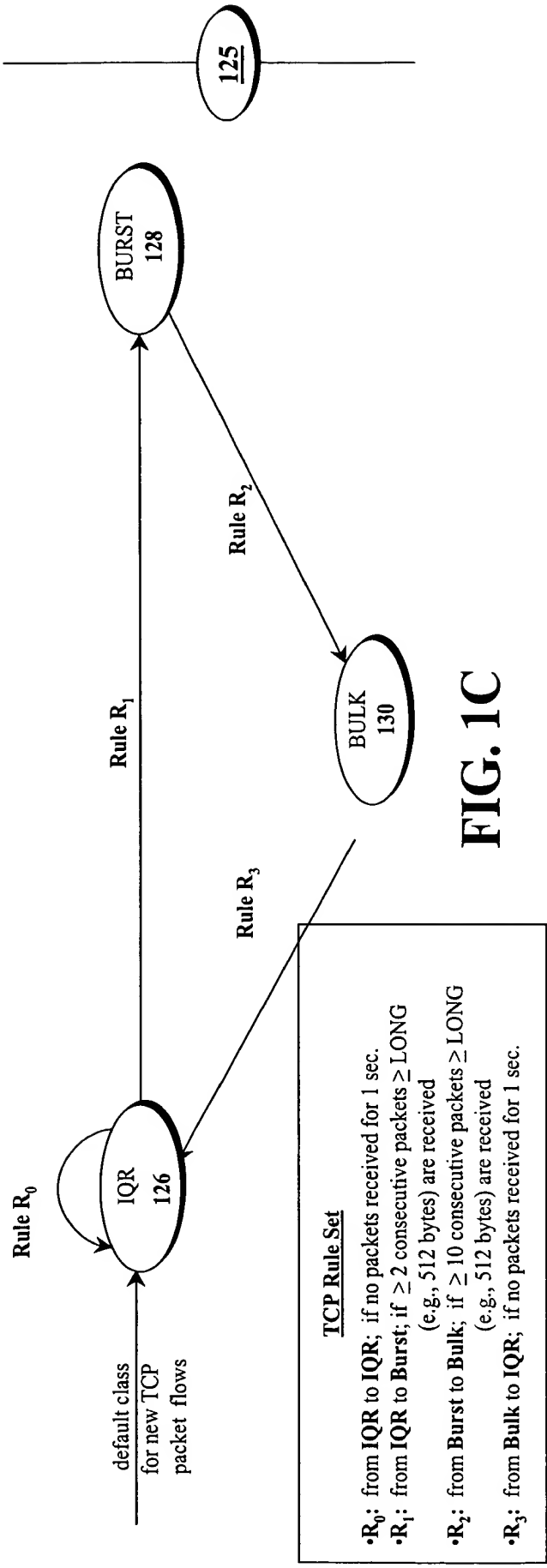


FIG. 1C

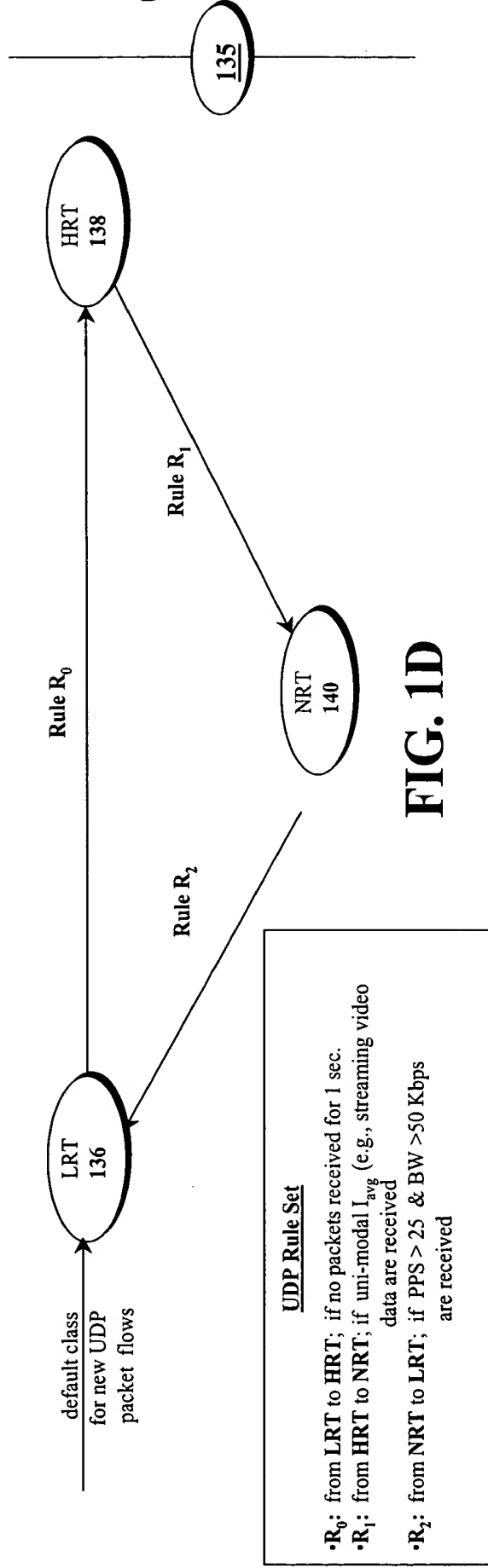


FIG. 1D

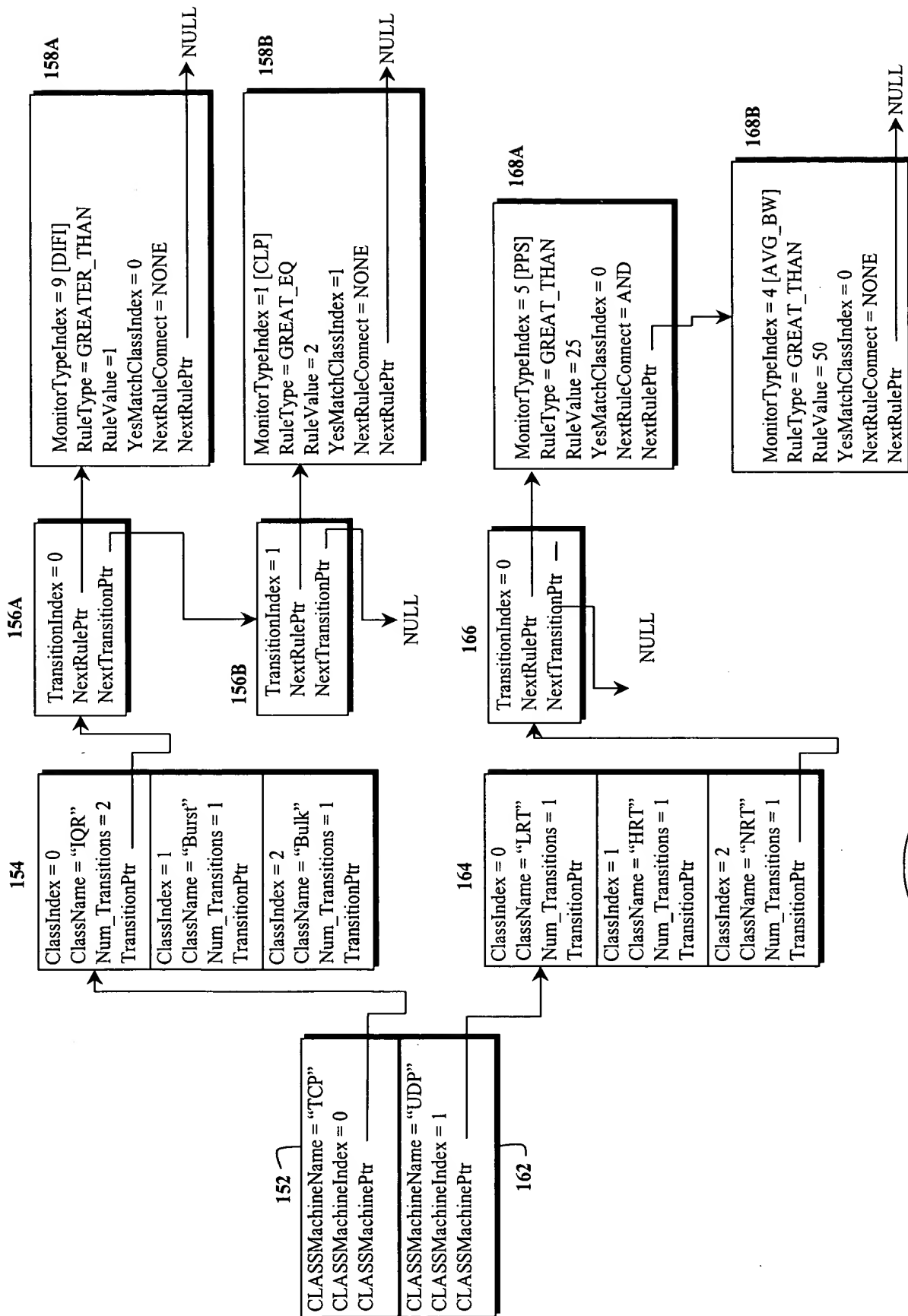
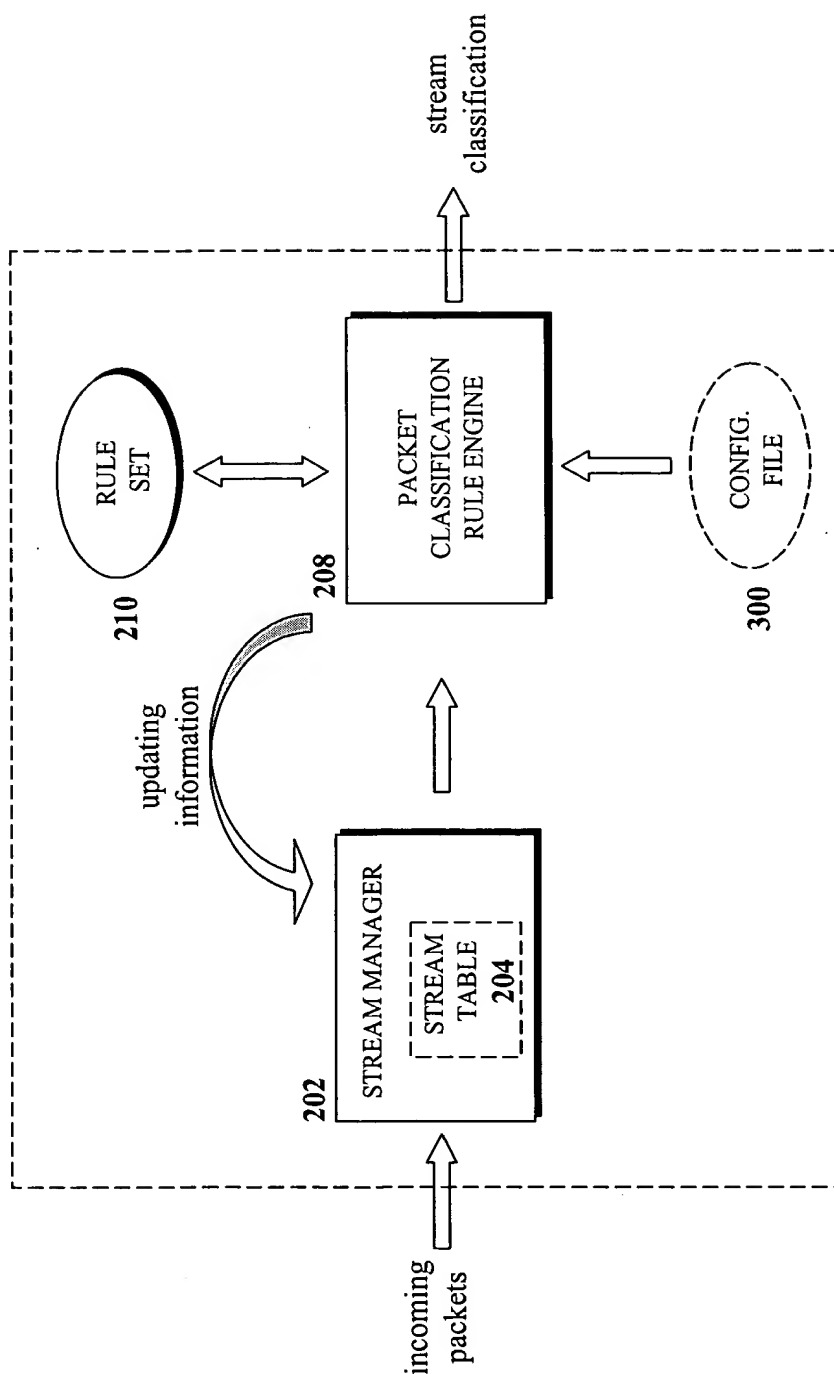
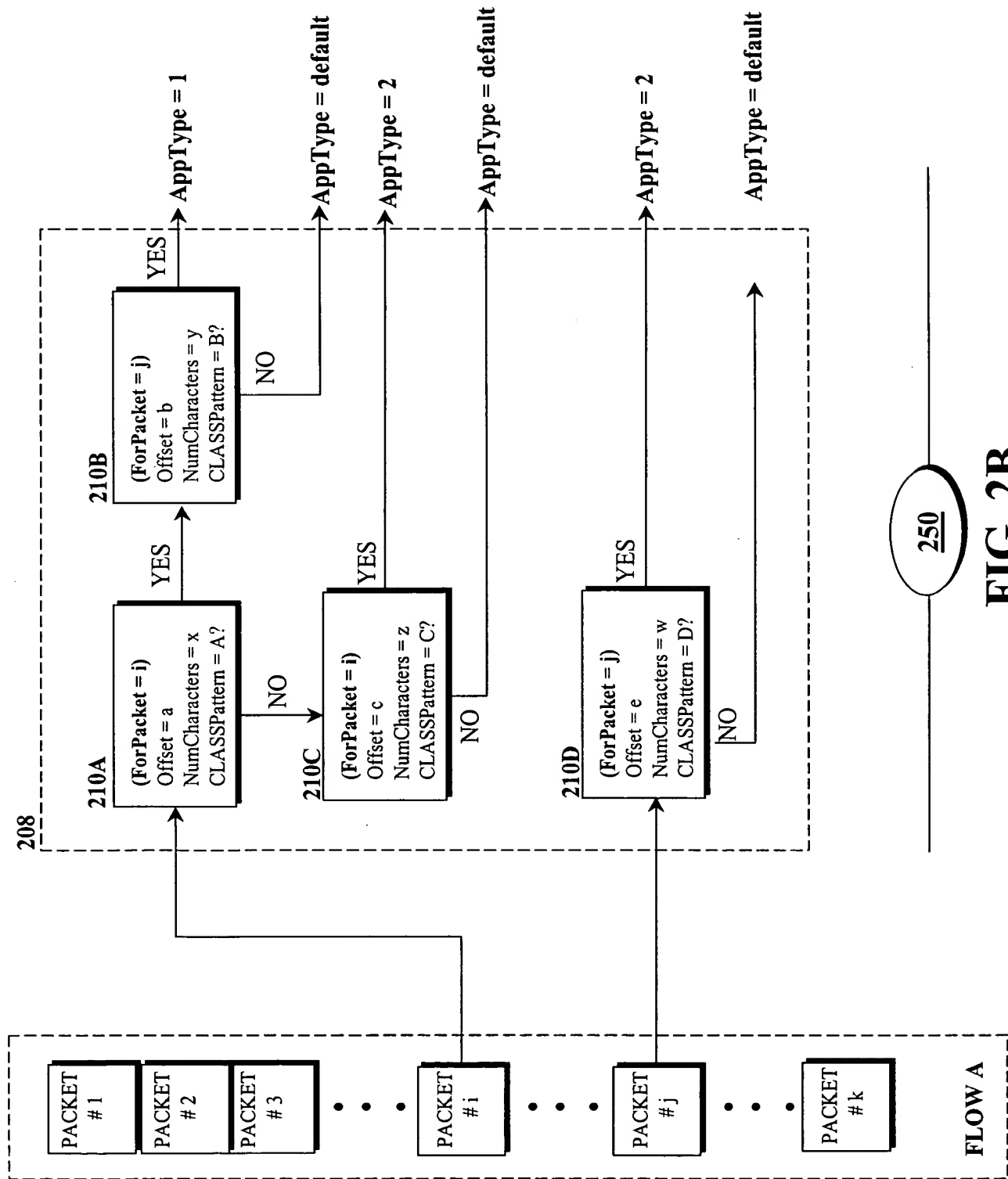


FIG. 1E



200

FIG. 2A



CLASSIFICATION RULE ENGINE CONFIGURATION FILE

#Set the bps for port 1 to 10Mbps and port 2 to 5Mbps
 bandwidth 1 10000000;
 bandwidth 2 5000000;

#Enable the static Layer-7 classifier by default; Can change to Dynamic Classifier by changing the setting to policy dynamic
 policy static;

Define 2 classes of Traffic
 class high;
 class low;

These two queues use a bounded strict priority scheduler in which# the high priority queue can consume 70% of available bandwidth and# the low #priority queue can consume all remaining bandwidth. The# low priority queue is the default queue.
 scheduler bsp {
 queue high 70;
 queue low 100 default;
 }

MBase Application: UDP, high priority class
 application mbase 17 high;

Search first 10 bytes of first packet for pattern
 appRule mbase 1 pattern "meDlabASe" 0 10;

Dynamic Classifier Rules – Transition from High to Low Priority Class
 dynamicRule high low OR NOT belowThresh 85;
 dynamicRule high low OR belowThresh 93;

Dynamic Classifier Rules – Transition from Low to High Priority Class
 dynamicRule low high OR belowThresh 85;
 dynamicRule low high AND NOT belowThresh 93;